References:

- A. Bahl and B. S. Bahl, Eds, In (2005). Advanced organic chemistry, 18 th Edn, S. Chand, 1232.
- A. Kshirsagar, M. P. Toraskar, V. M. Kulkarni, S. Dhanashirez Kadam V. (2009). Microwave Assisted Synthesis Of Potential Anti Infective And Anticonvulsant Thiosemicarbazones. International Journal of Chem Tech Research, Vol.1, No.3 , 696-701.
- F.G. Njoroge , A. G. Tavertas, J. Kelly, S Remiszewski, A. K Mallams, R. Wolin, A. Afonso, A. B. Copper, D. F. Rane, Y. T. Liu, J. Wong, B. Vibulbhan, P. Pinto, J. Deskus, C. S. Alvarez, J. D. Rosario, M. Connolly, J. Wang, J. Desai, R. R. Rossman, W. R. Bishop, R. Patton, L. Wang, P. Kirschmeier, M. S. Bryant, A. A. Nomeir, C. Lin, M. Liu, T. McPhail, R. J. Doll, V. M. Girijavallabhan, A. K. Ganguly (1998). (+)-4-[2-[4-(8-Chloro-3,10-dibromo-6,11-dihydro-5*H*-benzo[5,6]cyclohepta[1,2-*b*]- pyridin-11(*R*)-yl)-1-piperidinyl]-2-oxo-ethyl]-1-piperidinecarboxamide (SCH-66336): A Very Potent Farnesyl Protein Transferase Inhibitor as a Novel Antitumor Agent., J. Med. Chem, 41, 4890.
- G. A. M. El-Hag Ali, A. Khalid, A. H. A. Ahmed, M. S. A. E. Gaby (2002). Studies On Thiazolopyridines. Part 2. Synthesis AndAntimicrobial Activity Of Novel Thiazolo[3,2–*A*] Pyridine And Thiazolo[3,2 – *A*] [1,8] Naphthyridine Derivatives Having Two Different Aryl Moieties. Acta Chim Slov, 49, 365.
- G. Pagani, M. Pregnolato, D. Ubiali, M. Terreni, C. Piersimoni, E. Scaglione, F. Fraschini, A. R. Gascon and J. L. P. Munoz (2000). Synthesis and in Vitro Anti-*Mycobacterium* Activityof *N*-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecar bo thio amides. Preliminary Toxicity and Pharmacokinetic Evaluation. J. Med. Chem, 43, 199-204.
- G. R. Kokil, P. V. Rewatkar, S. Gosainc, S. Aggarwal, A. Vermac, A. Kalrac and S. Thareja (2010). Synthesis and In Vitro Evaluation of Novel 1, 2, 4-Triazole Derivatives as Antifungal Agents. Letters in Drug Design & Discovery, 7, 46-49
- G. Turan-Zitouni, D. M. Sivaci, Z. A. Kaplancikli and Ozdemir (2002). Synthesis and antimicrobial activity of some pyridinyliminothiazoline derivatives. IL Farmaco, 57, 569-572.

- H. Bektaş, N. Karaali, D. Şahin, A. Demirbaş, Ş. A. Karaoglu (2010). Synthesis and Antimicrobial Activities of Some New 1,2,4-Triazole Derivatives. *15*, 2427-2438.
- I. L Finar Eds. In (1994). Organic Chemistry, 6th Edn. Vol.1, ELBS with Longman, 851.
- J. A. Joule, and K. Mills, Eds In(2000). Heterocyclic chemistry, 4th Edn, Blackwell publication, 76.
- J. A. Lowe, W. Quian, S. E. Drozda, R. A. Volkmann, D. Nason, R. B. Nelson , C. Nolan, D. Liston, K. Ward, S. Faraci, K. Verdries, P. Seymour, M. Majchrzak, , A. Villalobos and W. F. White (2004). Structure−Activity Relationships of Potent, Selective Inhibitors of Neuronal Nitric Oxide Synthase Based on the 6-Phenyl-2-aminopyridine Structure. J. Med. Chem, 47, 1575.
- K. A. Metwally, S. H. Yaseen, E. M. Lashine, H. M. El-Fayomi, M. E. El-Sadek (2007). Non-carboxylic analogues of arylpropionic acids: Synthesis, anti-inflammatory activity and ulcerogenic potential. European Journal of Medicinal Chemistry, 42, 152-160.
- K. Mogilaiah and G. RamaSudhakar (2003)"Synthesis of pyrazo-line, pyrimidine and 1,5-benzodiazepine derivatives of 1,8- naphthyridine and evaluation of antibacterial activity. Indian J. Chem, 42B, 636.
- Logu, A. D, Onnis, V, Saddi, B, Congiu, C, Schivo, M. L. and Cocco M. T (2002). Activity of a New Class of isonicotinyl hydrazones used alone and in combination with isoniazid, rifampicin, ethambutol , para-aminosalicyclic acid and Clofazemine against M. tuberculosis. J. Antimicrob. Chemother, 49, 275.
- M. Amir and F. Azam (2004). Synthesis And Antimicrobial Activities Of Some 5-(4'Pyridyl)-4-Substituted Benzylideneamino-3-Mercapto(4H)-1,2,4-Triazo les. Indian J. Pharm Sci, 66, 818.
- M. Ashok, B. S. Holla, B. Poojary (2007). Convenient one pot synthesis and antimicrobial evaluation of some new Mannich bases carrying 4-methylthiobenzyl moiety. European Journal of Medicinal Chemistry, xx, 1-7.
- M. B. Martin, J. S Grimley, J. C. Lewis, H. T. Heath, B. N. Bailey, H. Kendrick, V. Yardley, A. Caldera, R. Lira, J. A. Urbina, S. N. J. Moreno, R. Docampo, S.

L. Croft and Oldfield, E (2001). Activity of Bisphosphonates against *Trypanosoma brucei rhodesiense.* J. Med. Chem, 44, 909.

- M. Bali, S. Sood, P. S. Singh(2009). Study of pyridine based triazole derivatives as Mycobacterium Tuberculosis TMPK Inhibitors. International Journal of Theoretical & Applied Sciences, 1(2), 38-41.
- M. Contour-Galce´ra, A. Sidhu, P. Plas and P. Roubert (2005). 3-Thio-1,2,4-triazoles, novel somatostatin sst2/sst5 agonists. Bioorganic & Medicinal Chemistry Letters, 15, 3555–3559.
- M. D. L. Rosa, H. W. Kim, E. Gunic, C. Jenket, U. Boyle,Y. Koh, I. Korboukh, M. Allan, W. Zhang, H. Chen, W. Xu, S. Nilar, N. Yao, R. Hamatake, S. A. L. Hong, Z. Zhang and J. Girardet (2006). Tri-substituted triazoles as potent non-nucleoside inhibitors of the HIV-1 reverse transcriptase.Bioorganic & Medicinal Chemistry Letters, 16, 4444–4449.
- M. Pregnolato, M. Terreni, D. Ubiali, G. Pagani, P. Borgna, F. Pastoni and F. Zampollo (2000). 3*H*-[1,2]Dithiolo[3,4-*b*]pyridine-3-thione and its derivatives Synthesis and antimicrobial activity. IL Farmaco, 55, 669-679.
- P. M. S. Bedi, M. P. Mahajan and V. K. Kapoor (2004). Amidine derived 1,3-diazabuta-1,3-dienes as potential antibacterial and antifungal agents. Bioorganic & Medicinal Chemistry Letters, 14, 3821-3824.
- Q. Sun, J. Xu, Y. Cao, W. Zhang, Q. Wu, D. Zhang, J. Zhang, H. Zhao, Y. Jiang (2007). Synthesis of novel triazole derivatives as inhibitors of cytochrome P450 14a-demethylase (CYP51). European Journal of Medicinal Chemistry, xx , 1-8.
- Q. Sun, W. Zhang, J. Xu, Y. Cao, Q. Wu, D. Zhang, C. Liu, S. Yu, Y. Jiang (2006). Synthesis and evaluation of novel 1-(1H-1,2,4-triazol-1-yl)-2-(2,4-difluorophenyl)-3-[(4-substitutedphenyl)- piperazin-1-yl]-propan-2-ols as antifungal agents. European Journal of Medicinal Chemistry, xx, 1-7.
- R. I Eliot, R. M. Oliver, H. M. Patterson, T. A. She, L, D. M Hargrove, K. A. Martin, T. S. Maurer, J. C. Kalvass, B. P. Morgan, P. A. D. Jardine, R. W. Stevenson, C. M. Mack and J. V. Cassella (2003). In Vitro and in Vivo Characterization of 3-{2-[6-(2-*tert*-Butoxyethoxy)pyridin-3-yl]-1*H*-imidazol-4-

yl}benzonitrile Hydrochlo-ride Salt, a Potent and Selective NPY5 Receptor Antagonist. J. Med. Chem, 46, 670.

- R. Lesyk, O. Vladzimirska, S. Holota, L. Zaprutko, A. Gzella (2007). New 5-substituted thiazolo[3,2-b][1,2,4]triazol-6-ones: Synthesis and anti cancer evaluation. European Journal of Medicinal Chemistry, xx, 1-8.
- R. M. Acheson Eds, In (1976). An Introduction to the chemistry of heterocyclic compounds. 3lth Edn, John Wiley and Sons, New York, 188.
- R.K. Mali, R.R. Somani, M.P. Toraskar, K.K. Mali ,P.P. Naik, P. Y. Shirodkar (2009). Synthesis of some Antifungal and Anti-tubercular1, 2, 4-Triazole Analogues. International Journal of ChemTech Research, Vol.1, No.2, 168-173.
- R.T. Morrison and R.E. Boyd, Eds,In (1996). Organic Chemistry, 6th Edn, Prentice-Hall of India Private Ltd, New Delhi, 1069-1070.
- S. K. Ghosh Eds. In (1994). General Organic chemistry A Modern approach, 1st Edn, New Central Book Agency (P) Ltd, Calcutta, India, 917.
- S. M. Rabea, N. A. El-Koussi, H. Y. Hassan, T. Aboul-Fadl (2006). Synthesis of 5-Phenyl-1-(3-pyridyl)-1H-1,2,4-triazole-3-carboxylic Acid Derivatives of Potential Anti-inflammatory Activity. Arch Pharm Chem Life Sci, 339, 32–40.
- T. Besson and C. W. Rees (1996). Antimicrobial evaluation of 3,1-benzoxazin-4-ones, 3,1-benzothiazin-4-ones, 4-alkoxyquinazolin-2-carbonitriles and *N*-arylimino-1,2,3-dithiazoles. Bioorganic & Medicinal Chemistry Letters, 6, 2343-2348.
- T. Karabasanagouda, A. V. Adhikari, N. S. Shetty (2006). Synthesis and antimicrobial activities of some novel 1,2,4-triazolo [3,4-b]-1,3,4-thiadiazoles and 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazines carrying thioalkyl and sulphonyl phenoxy moieties. European Journal of Medicinal Chemistry, xx, 1-9.
- T. Tanikawa, T. Asaka, M. Kashimura, K Suzuki, H. Sugiyama, M. Sato, K. Kameo , S. Moromoto, A. Nishida (2003). Synthesis and antibacterial activity of a novel series of acylides: 3-O-(3-pyridyl)acetylerythromycin A derivatives. J. Med. Chem, 46, 2706.
- V. KLimesova, M. Svobada, K. Waisser, M. Pour and J. Kaustova (1999). New pyridine derivatives as potential antimicrobial agents. IL Farmaco, 54, 666-672.

- V. Mathew, J. Keshavayya, V.P. Vaidya (2006). Heterocyclic system containing bridgehead nitrogen atom:synthesis and pharmacological activities of some substituted 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazoles. European Journal of Medicinal Chemistry, 41, 1048–1058.
- V. Mathew, J. Keshavayya, V.P. Vaidya (2007). Studies on synthesis and pharmacological activities of 3,6-disubstituted-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazoles and their dihydro analogues. European Journal of Medicinal Chemistry, xx, 1-18.
- V. Thiery, C. W. Rees, T. Besson, G. Cottenceau and A. Pons (1998). Antimicrobial activity of novel *N*-quinolinyl and *N*-naphthylimino-1,2,3-dithiazoles. Eur J Med Chem, 33, 149-153.